

# Endian Hotspot 150

Fast and secure Internet access



An intuitive product that provides a stable and quick Internet connection, easy to use and to maintain. The Endian Hotspot 150 is the ideal product for small businesses, retail chains and hotels that want to offer Internet access to coworkers and customers with no risk of bandwidth saturation or users abuses on the web.

## Easy user management

Endian Hotspot provides two important features that simplify Internet access. SmartConnect enables users self-registration. Social Login allows to access the Internet through a Facebook or Google account.

## Integrated marketing platform

The Endian Hotspot is not only a service for your customers, but a smart tool to promote your activity as well. The captive portal is completely customizable: highlight special offers and ongoing promotions, show your visitors your added value.

## SmartLogin remembers you

A useful feature for all your customers. When a user closes and opens the connection again, the Hotspot automatically recognizes him, without asking for the log in another time.

## Ideal for the hospitality segment

The Endian Hotspot 150 is the ideal appliance for the hospitality segment: it provides guests with easy and quick Internet access, simplifies the service management and offers a fully customizable captive portal, that works as an interesting marketing tool.

Endian Hotspot 150	
Concurrent Users	up to 150
Throughput	250 Mbit/s
Recommended for	Hospitality, meeting rooms, coworking spaces, restaurants, libraries, shops and retail chains, branch offices



Safe WiFi connection



Marketing Platform



Social Login

# Endian Hotspot Features

## Hotspot

User Management
<ul style="list-style-type: none"> <li>Authentication through                             <ul style="list-style-type: none"> <li>Local or external RADIUS</li> <li>LDAP / Active Directory</li> <li>Google / Facebook</li> </ul> </li> <li>MAC-address accounts</li> <li>User accounts import/export</li> <li>User password recovery</li> <li>Social Login (Facebook / Google)</li> <li>User auto-creation through e-mail or SMS (SmartConnect)</li> <li>Bandwidth limitation per user</li> <li>Configurable multiple logins per user</li> </ul>
Configuration and Integration
<ul style="list-style-type: none"> <li>Social Enabler (sharing on social networks)</li> <li>Multi-location setup through master/satellite configuration*</li> <li>Configurable captive portal</li> <li>Customizable templates</li> <li>WYSIWYG editor with multimedia file upload</li> <li>Multi-language support</li> <li>Configurable access to allowed sites (walled garden)</li> <li>Configurable mandatory Terms of Service confirmation</li> <li>Bandwidth limiting based on user, ticket or global settings</li> <li>JSON API for external accounting and third party integration</li> <li>Integration with property management systems ASA HOTEL, pcs phoenix</li> </ul>
Accounting and Ticketing
<ul style="list-style-type: none"> <li>Integrated RADIUS service</li> <li>Integrated accounting based on tickets</li> <li>Payment service through credit card and PayPal</li> <li>Freely configurable ticket rates</li> <li>Pre-/postpaid and free tickets</li> <li>Time-/traffic-based tickets</li> <li>Cyclic/recurring tickets (daily, weekly, monthly, yearly)</li> <li>Single-click ticket generation (Quick ticket)</li> <li>Configurable ticket and account validity</li> <li>MAC address tracking for free hotspots</li> <li>Remember user after first authentication (SmartLogin)</li> </ul>

## Networking

Uplink Management
<ul style="list-style-type: none"> <li>Multiple WAN uplink support</li> <li>Multiple public IP addresses</li> <li>Automatic WAN uplink failover</li> <li>Monitoring of WAN uplinks</li> <li>Uplink types: Ethernet (static/DHCP), PPPoE, PPTP</li> <li>Support for 3G / 4G USB dongles</li> </ul>
Networking Features
<ul style="list-style-type: none"> <li>Separated network zones</li> <li>Quality of service and bandwidth management</li> <li>VLAN support</li> <li>Stealth mode</li> <li>OSI layer 2 firewall functionality</li> <li>Spanning tree</li> <li>Automatic client network configuration (DHCP / static IPs)</li> <li>Wired and wireless connections in the hotspot are supported</li> <li>NTP (Network Time Protocol)</li> <li>DHCP server</li> <li>Dynamic DNS</li> </ul>
Network Address Translation (NAT)
<ul style="list-style-type: none"> <li>Destination NAT</li> <li>Incoming routed traffic</li> <li>One-to-one NAT</li> <li>Source NAT (SNAT)</li> </ul>
Routing
<ul style="list-style-type: none"> <li>Static routing</li> <li>Source-based routing</li> <li>Destination-based routing</li> <li>Policy-based routing</li> </ul>

## Security

Threat Protection
<ul style="list-style-type: none"> <li>Stateful packet firewall</li> <li>Application control</li> <li>SYN/ICMP flood protection</li> <li>DNS proxy/routing</li> <li>Anti-spyware</li> <li>Phishing protection</li> <li>Transparent HTTP/HTTPS web filtering</li> <li>Cyren URL filter with 140 million categorized URLs</li> <li>SafeSearch enforcement</li> <li>Time based access control with multiple time intervals</li> <li>Anti-virus</li> </ul>
VPN
<ul style="list-style-type: none"> <li>OpenVPN</li> <li>Native VPN client app for Microsoft Windows and Apple OS X</li> <li>Support for mobile devices (Android, iOS)</li> <li>Support for VPN over HTTP Proxy</li> <li>VPN client-to-site (roadwarrior)</li> <li>VPN failover</li> <li>VPN user and group management</li> </ul>
Encryption
<ul style="list-style-type: none"> <li>SSL-encrypted captive portal</li> <li>SSL-encrypted administration interface</li> <li>SSL-encrypted VPN connections between master and satellite systems</li> <li>Encrypted backups via email</li> </ul>

## Management Interface

Logging and Reporting
<ul style="list-style-type: none"> <li>Reporting dashboard</li> <li>Detailed system, web and virus reports</li> <li>Hotspot connection logging</li> <li>Live network traffic monitoring (powered by ntopng)</li> <li>Live log viewer</li> <li>Detailed web access report</li> <li>Network/system/performance statistics</li> <li>Rule-based logging settings (firewall rules)</li> <li>Syslog: local or remote</li> <li>OpenTSA trusted timestamping</li> <li>Email Notifications</li> <li>SMS Notifications</li> </ul>
Administration
<ul style="list-style-type: none"> <li>Centralized management through Endian Network</li> <li>Easy web-based administration</li> <li>Multi-language web-interface</li> <li>Secure remote SSH/SCP access</li> <li>Serial console</li> <li>Centralized updates through Endian Network</li> <li>Scheduled automatic backups</li> <li>Instant recovery / Backup to USB stick (Endian Recovery Key)</li> <li>Different user roles for administrator, hotspot administrator and hotspot account editor</li> </ul>

\* Master functionality only in Endian Hotspot 500 or higher

## Endian Hotspot 150 Specifications

Hardware	Hotspot 150
Case	Desktop
Dimensions	44mm x 232mm x 153mm
Weight	1.1 kg
Memory	2 GB
Storage	1x 320 GB HDD
Networking	4x Gigabit Ethernet
LAN Bypass	-
Power Supply	40W External
Cooling	Fans
LCD Display	-
Hardware Warranty	included in maintenance
Certifications	FCC/CE/RoHS

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